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## **Preface**

These indexes are cumulations of the monthly indexes from the 1981 volume of Virology Abstracts.

The Subject Index is compiled in the following way. For each document the indexer selects indexing terms from fixed lists of keywords which are continually updated. From these selected terms word chains are constructed, the word order being determined by the indexer. It is these word chains which make up the Subject Index entries.

The index terms used to create the **Subject Indexes** plus additional terms selected by the indexer to further describe and define the document are also present as a search tool in the IRL database.

The following conventions apply to all terms used in the Subject Index:

- Plants and trees are indexed under both their common English names and Latin binomials. Latin binomials are used for all other taxonomic terms except domestic animals, livestock and pets.
- (2) Enzyme names follow the 1978 recommendations of the IUPAC and IUB.

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Bleichrodt J.F. 212. Blenden, D.C. 5804. Blenkharn, J.I. 3761. Blessing J. 7703. Bletry, O. 7671. Blevins, C.S. 6948. Blevins.R.D. 1132. Blinova, V.K. 952, 3926. Blithe, D.L. 1867, 2642. Bloch, B. 7388. Bloch, F. 8402 Bloch, K.J. 2743. Block, J.-C. 5919. Bloemendal, H. 903. Bloemers, H.P.J. 6265. Blok, J. 1517. Blokhina, T.P. 3935. Blomberg, J. 4211, 5343, 6676, 6938. Blomgren, H. 3192, 5547, 5561, 6813. Blomjous, A.A.M. 7656. Bloom, B. 2500. Bloom, B.R. 1759, 3731. Bloom,J.C. 463. Bloom, M.E. 4. Bloomfield, V.A. 60. Blot, W.J. 1914. Blough, H.A. 461, 1311. Blount,J.H. 609 Blue,J.L. 3518. Blue, W.T. 433, 6020, 6021. Bluestein, H.G. 1181. Blum, H. 553, 2738. Blumberg, B.M. 6063. Blumberg, B.S. 5030, 7599, 7664, 7709. Blumberg, S. 1081. Blumenthal, L. 3107. Blumenthal, M. 8449 Blumenthal, T. 1581, 2338, Blumhagen, J. 3225. Blumhagen J.M. 8201. Blunt, M.H. 8470. Blyth, W.A. 2123. Bobkov, A.F. 8039. Bobrowska, E. 7525. Bobst, A.M. 164. Bobst, E.V. 164 Bohulesco, P. 784 Bocanegra, T.S. 574. Boccara, M. 5658. Boccardo, G. 1419, 4618, 5441, 5990 Bocci, V. 3191. Bocharova, N.G. 4815. Bochkova, L.M. 5039. Bock, A. 124. Bock, K.R. 6508 Boctor, I.Z. 2174. Bodalski, J. 8396. Bodemann, H. 553. Bodin, F. 6285. Bodnar, J.W. 147. Bodner, A.J. 4938. Bodner, S. 4108. Bodo, G. 317. Bodon, L. 8342. Bodroghy, R.S. 3279. Boe, E. 5585. Boehlecke, B.A. 8168.

Boehm, T.L.J. 2258. Boehmer, S. 3081. Boeke, J.D. 4765, 7325. Boel, M. 8366. Boen, J.R. 7732. Bocs, E.G.M. 3743. Boettiger, D. 3093, 4183. Boeye, A. 2356. Boffill Diaz, L. 7009. Boffill Diaz, V.M. 7009. Bofill,D. 8465. Bogaerts, Y. 2702. Bogdan, G.F. 4386. Bogdanov, A.A. 1657, 2332. Bogdanov, G.H. 7557. Bogdanova, N.S. 410, 4946. Bogel, K. 5183. Boger, W.P., III 7000, 7001. Bogomolova, F.I. 2709. Bogomolova, N.N. 1495, 3666, 4437, 4580, 4745. Bohac, J.G. 4430. Bohenzky, R. 5316. Bohl, E.H. 633, 1336. Bohm, J. 3718. Bohmfalk, G.T. 2890. Bohn, E.M. 4563, 8045. Boisvert, J. 5033. Bostard,C 4268 Bowin, J. 2422. Boivin, M. 334 Bokovoi, A.G. 7716. Bol.J.F. 814, 2272, 2273, 6055 Boldogh,1. 5710, 8358. Boldogh J. 5470. Bolen, J.B. 5337. Boling, H.-L. 1777. Bolivar, R. 1799 Boll.W. 8127. Bolla,M. 3377 Bolle, A. 6636. Bollin, E Jr. 4043. Bollwahn, W. 5823. Bolognesi, D. 384. Bolognesi, D.P. 487, 6791. Bolt, L.E. 7800. Bolzanni,J. 1127. Bom, V. 6071. Boman, H.G. 4793. Bonacchi, F. 2721. Bonaduce, D. 7775 Bonanno, G. 4937. Bonatti, S. 2360, 5342 Bonavida, B. 3184, 3280. Bond, C.W. 5938. Bond, D.A. 5269. Bond, W.W. 5987. Bondarenko, M.P. 7717. Bondurant, M. 3697. Bonilla,E. 4476. Bonina, L. 2853, 7112. Bonino, F. 1730, 4009, 4936. Bonito Oliva, G. 564. Boniver, J. 16, 7194. Bonnal,F. 4279. Bonne, C. 7284. Bonner, M. 2016. Bonner, W.M. 2963. Bonnet, J.B. 2100. Bonnet, L. 2783. Bonnetblanc, J.M. 4292. Bonniot, R. 1060.

Bonny, Y. 3417. Bono, A. 998. Bonura.T. 1703. Bonventre, P.F. 2866. Boogerd, W. 2066. Boone, E. 1219. Boone, L.R. 3861, 3862. Boorman J. 3565, 3569. Booss.J. 1322, 3635, 4465, Booth, B.W. 1813. Booth, J.A. 8168. Boothroyd, C.W. 2215. Boothroyd, J.C. 6573. Bootsma.M. 3528. Boraschi, D. 493, 5563. Borbely, G. 3934. Borchard, F. 5132. Borcic.B. 7050. Bordeianu, P. 332. Borel.C.O. 598. Borenfreund, E. 4999, 5001. Borenzstajn Rotem, Y. 2783. Borg.I. 7623. Borgatti, M.A. 8105. Borgia, G. 1381. Borgia, P.T. 2424. Boriskin.Y.S. 3666. Boriskin, Yu.S. 32, 1495, 4745. Borisov, V.M. 4562. Borkowski, W.J. 4410. Borland.R. 4420. Bornkamm, G.W. 71. Borns.P. 515. Bornstein, P. 6255. Boro.B.R. 4423, 5301. Boron-Kaczmarska, A. 7525. Boron.P. 7525, 8458. Borota, R. 5764. Borovik, A.S. 1518. Borsa,J. 6624. Borst.P. 746. Bortolotti.F. 1256. Borum, P. 7734. Bos.E. 6122. Bos.J.H. 4863. Bos.L. 7155, 7966. Bosch, C. 5083, 7669. Bosch, F.X. 2943. Boschek, B. 5484. Boschek.C.B. 3916, 6253, 6596, 6719. Boschetti, S. 478. Bose, H.R., Jr. 294. Bosler.E.M. 586. Bosmann, H.B. 7948. Bosnsover, A. 1854. Boss.L.P. 8328. Boss.M.A. 5670, 5725. Bossart.W. 7262. Bosselman, R.A. 77, 946. Bost, M. 4131. Botchan, M. 1672, 4171, 4710. Botero.L. 856. Botezan, E. 4381. Both, G.W. 4841. Botha, W.S. 2076. Bothig, B. 5719. Bothwell, A.L.M. 488. Botkina, E.M. 5634. Boto.W. 446.

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Braathen, L.R. 5604. Bracewell, C.D. 3530, 6870. Braciale, T.J. 4932, 7521, 8237. Braciale, V.L. 7521, 8237. Brack, C. 8120. Brack, M. 3538. Bracken, P.M. 3229. Brackmann, K. 4716, 7177. BradacJ. 5937. Bradburne, A.F. 989. Braddy, P.M. 4084, 4085, 7548. Bradfute, O.E. 7965. Bradish, C.J. 4479, 6141. Bradley, A.K. 7467. Bradley, D.W. 6324, 7136. Bradley, E.C. 4866. Bradlev.J.A. 4452. Bradley, J.S. 7024. Bradley,M. 6103. Bradshaw, E. 8067. Brady, E. 7787. Braginskaya, V.P. 1772. Brahic, M. 8012. Brammar, W.J. 6699. Bramucci, M.G. 5497. Brand, C. 3098. Brand, O.A. 7181. Brandberg, A. 7701. Brandis, H. 362, 393, 7393. Brandling-Bennett, A.D. 1076, 1301, 6191, 7689. Brandsma, J. 6572. Brandt, C.D. 2024, 4060, 7018, 8084. Brandt, K.-H. 5117. Brandt, K.H. 6378. Brandt, L.R. 7603. Brandt, R.H. 5020. Brandt, W.E. 6626. Branski, D. 7799. Branton, P.E. 3820, 6934. Brar, J.S. 5888. Bras-Herreng,F. 7823. Brassart, G. 277, 5699. Bratosin,S. 4692. Bratt.D. 8240. Bratt, M.A. 3930. Brattstrom, R. 3344. Braude, I.A. 3178, 3210, 4850, 8171. Brauer, D. 6656. Braun, L. 2096, 4252, 4419, 7591. Braun, P. 5131, 8330. Braun, Z. 534. Braunwald, J. 777, 5933. Brautigam, A.R. 1198. Braverman, I.M. 6983. Braverman, S.B. 3842. Bravo, R. 3324. Brawner, T.A. 2795, 3660. Вгау, Н. L. 7119. Break, J. 3591, 4530, 4531. Brcak, J., Jr. 3591. Breaux, C.B. 6641. Breazeale, D.G. 703. Brechot, C. 511, 1993, 7976. Brederode, F.Th. 2272. Breekveldt,J. 5285. Breese Hall, C. 1283, 4076. Bregman, D. 7030. Bregman, D.J. 2756, 3224,

8200 Breinig, M.C. 6151. Breinig, M.K. 1050. Breitman, M.L. 231, 3752, 5660, 6037. Breittmayer, J.P. 6610. Breman J.G. 2017, 5782. Bremer, K. 5248 Bremond, M. 7647. Brenchlev, J.E. 1702. Brendel, P. 5591. Brennan, S.M. 7987, 8024. Brenner,S. 932. Brenton, D.W. 537 Bres, P. 4356, 6365. Bresler, S.E. 194. Breslin, C.W. 6244. Bretherton, L. 6992 Brette.R. 7663. Breviglieri, J.C. 266, 5700. Brewer, G.J. 6057. Brewer, P.P. 1474, 6259. Brewer, T.G. 5121. Briaire J. 3984. Briand, J.-P. 193, 3165. Briaux-Gerbaud, S. 5498. Bricaire, F. 6219, 8377. Brichacek, B. 504. Brickell, P. 4115. Bricout.F. 1455, 3123, 8375. Bridgeford, P.H. 574. Bridger, J.C. 1056, 1372, 4878, 6416. Bridges, B.A. 1664. Bridgman, C.R. 2952. Briedis, D.J. 908, 6683. Briese, D.T. 3575, 7140. Brieseman, M. 4362 Brietman, M.L. 3917 Brigaud, M. 2021, 6367. Briggle, L.W. 7142. Briggs, M. 2455. Briggs, O.M. 2829 Briggs, W.A. 6863. Bright.F. 1958. Brill, J.C. 8184. Brilliant, L.B. 8364. Bringelsen, K.A. 5765. Brink, E.W. 8336. Brinkhof, J. 2108. Brioen, P. 2356. Brion, M. 4287. Briones,O. 7109 Briskin, M.J. 2364. Brisman.R. 456. Brissie, R.M. 8393. Brito, M.A.V.P. 4139. Britt, W. 8091. Britt, W.J. 2593, 6261. Britton, S. 370, 4113. Brochu, P. 8358 Brockman, W.W. 6914. Brodarec, I. 6819. Brodsky J. 495. Brody, I. 7067. Brody, M. 357. Broerse, J.J. 7587. Broker, T.R. 4723. Bromley, P.A. 3915. Bron, B. 6174. Bron.S. 970. Broni, B.A. 1634.

Botreau, Y. 4336.

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Bronitki, A. 1989, 8386. Bronkhorst, F.B. 5117. Bronson, D.L. 5695. Brooks.B.R. 5863. Brooks, J.B. 3382. Brooks, S.L. 5089. Brooks, S.M. 7865. Broor, S. 5825. Brophy.P. 7249. Brostrom, L.-A. 2479, 4026. Brostrom, L.A. 4034. Brotman, B. 7052. Broughton, E.M. 6791. Brouwer, J. 1722, 4641. Brouwer, R. 6378, 6388. Brown, A. 4835. Brown, A.H. 2860. Brown.C.M. 7313. Brown.D. 7300. Brown, D.A. 2304. Brown, D.J.F. 2458. Brown, D.T. 3076, 3883, 4673, 5448. Brown.F. 3690, 3983, 4550, 6514, 6573, 7956, 8001, 8079, 8329, Brown.G.D. 1678. Brown, H.K. 2121. Brown, H.R. 786. Brown, J. 7202. Brown.J.C. 7957. Brown.J.F. 1056, 4878. Brown, J.P. 486. Brown, K.W. 3738. Brown, L.E. 2473, 3997, 4000. Brown Luedi, M. 7211. Brown, M. 1595, 3932, 7402. Brown, M.A. 2414. Brown, N. 501. Brown, N.J. 1986. Brown.N.R. 5661. Brown, P. 1326, 3481, 4408, 7737. 7739. Brown, R.J. 5173. Brown, S. 3907. Brown.T.T. 700. Brown, T.T., Jr. 1364, 2547. Browne.M.J. 19, 7536. Browning.A. 7018. Browning, I.A. 1408. Browning, K.S. 815, 2376, 5963. Brownlee, G.G. 3100, 5433, 5482 Brownlie.J. 5859. Brownson, J.M. 690, 908. Brownstein, D.G. 3497. Broxmeyer, H.E. 2649. Brozovich, B. 1165. Brozovich, B.J. 485, 5003, 8301. Brubaker, G 1911, 6962. Bruck.Ce 286, 6674. Brucker, G. 1933. Bruckner, H. 6163, 6164. Bruckova.M. 1269, 6772. Brudno, I.A. 4437. Bruening.G. 1520. Bruenn.J.A. 4507. Brugge.J.S. 3847, 4189. Brugh, M. 1465, 3491. Brugman, S. 4318.

Bruijnis, F. 6122. Bruj, J. 512, 8334. Brulles, A. 5091. Brummelhuis, H.G.J. 5594. Brummer Korvenkontio, M. 2884, 7620. Brumpt, I. 8409. Brun.A. 6117, 6197. Brunat-Mentigny, M. 3384. Brunda, M.J. 2496, 7435. Brunell, P.A. 1202, 6302. Brunengo, A.M. 7506. Brunet, P. 6865. Brunius, G. 1471. Brunner, H. 3190. Brunner, K.T. 4921, 6215. Brunson, K.W. 1886. Brunt, A.A. 2214. Brus, D.H.J. 2552. Brusca J.S. 7968. Bruscolini, F. 7061. Brusehaber, H.-U. 7471. Bruske, R. 3507. Brust, R.A. 5100. Brustolon, M. 4473. Bruton, B.D. 6479. Brux, B. 3798. Bryan, J.A. 6375, 6393. Bryan, R.N. 5054. Bryan, T. 1624. Bryans, J.T. 5597. Bryant, C. 5013. Bryant, F.D. 1545, 1676. Bryant, F.R. 6633. Bryant, G.R. 1016. Bryant, J. 8001. Bryant, J.D. 1826. Bryant, R.E. 6340. Bryce, E. 6840. Bryson, Y.J. 3188. Brzeski, H. 2638. Brzosko, W.J. 1320. Bubel, H.C. 2866. Bucci, E. 2729. Buchan, A. 1126, 4899, 6082. Buchanan, J.M. 1152, 3858. Buchanan, M.R.C. 5025. Buchanan, R.A. 2609. Bucher, D.J. 767, 1635, 7414. Buchhagen, D.L. 1515. Buchman, T.G. 5048. Buchmeier, M.J. 3141, 6216. Buchwald, J. 7433. Buck, C.A. 1867, 2642. Buck, C.E. 1830, 3474. Buck, K.W. 1400, 5227, 6617. Buckler White, A.J. 1562, 6643. Buckley, L.S. 3135. Bud.H. 3764 Budka, H. 7629. Budnitskaya, P. 4370. Budzko, D.B. 8088. Bueno Vallejos, R. 5077. Buetti, E. 3064, 6264, 6726. Buff, E.E. 4303. Buffett, R.F. 6170, 7434. Buffo, M.J. 5003. Bugaeva, N.P. 3439. Bugarski, M. 2930. Bugg, H.C. 4354. Bui, H.D. 2092. Buimovici Klein, E. 5035.

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Combes.B. 6396. Combes.P. 4198. Combridge, B.S. 5520. Comet Segu.R. 3419. Commeyne,S. 7472. Compans, R.W. 768, 1492. 1742, 2985, 4839, 6051. Comstock, G.W. 8322. Comway, T.W. 5489. Conaway, R. 140. Conceicao, E.L. 3656. Condit, R. 6511. Condon, D. 7107. Condra,J.H. 3067. Condy, J.B. 660, 1790. Cone, R. 1703. Confer.A.W. 8228 Congdon, R.A. 2016. Congy,F. 1982. Conighi, C. 5088. Conklin, R. 267. Conklin, R.H. 3211. Conkling, M.A. 3085. Conley, A.J. 224, 3901. Conliffe, M.A. 6452. Conliffe, McG.A. 3534. Connan.G. 3856, 6935. Connan, T. 5679. Conner, M.E. 2842. Connolly J.H. 3407. Connolly, J.M. 3399. Connor J.C. 2902. Connor, K. 4146. Connor, R.J. 1804. Conomy, J. 7073. Conrad.M.E. 7708. Conroy, M.M. 8222. Conscience J.F. 7589. Consigli, R.A. 5337. Consolo,F. 3391. Constantinescu.S.P. 866. Contamine, D. 6734. Content.J. 1052, 2489, 4007. 6824, 8172. Conti,F. 5304. Conti, G. 5299, 6683, 8016. Conti, M. 1419, 1519, 2194. Contreras, R. 3034. Conventi, L. 3012. Convert, C. 4572. Conway, T.W. 8056. Coohill, T.P. 775, 1475, 1545, 1676. Cook, C.B. 3148. Cook, D.W. 4388, 8486. Cook, E.H. 7136. Cook, J.L. 2634. Cook, M.L. 8506. Cook, R. 6933. Cook.R.M. 305. Cook,S.D. 1328, 8353. Cooke, R. 4754. Coolen, W.A. 720. Coombs, K. 4673. Coombs, R.R.A. 690. Cooney, M.K. 2471, 3225, 8201. Cooper, A.R. 2011. Cooper, G.M. 1862, 3059, 3855, 4203, 6924. Cooper, J.A. 895, 3903, 6256,

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Clark, J.M., Jr. 2376, 5963.

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Cooper.J.I. 2918. Cooper, K. 6360. Cooper, L.Z. 5035, 5753. Cooper.N. 5325. Cooper.N.R. 6800. Cooper.R. 1981. Cooper, R., Jr. 6381. Cooper, R.C. 4394. Cooperberg, P.L. 5033. Copeland.J.A. 18. Copeland, N.G. 3855, 4203. Copeland, T.D. 1616, 3726. Copelovici, Y. 2749, 7962, 8335, 8389, 8431. Coppola.G. 7979, 7980. Coppola,S. 5519, 5774. Copps, T.P. 6624. Coquin.Y. 1798. Corallini, A. 4832, 6912, 8274. Corbel, M.J. 1388. Cordell.B. 899. Cordier.O. 7260. Cordo, H.A. 757. Corey.L 2576. Corev.L. 8074. Corey.M.E. 2845. Coria, M.F. 7088, 7896. Cork, L.C. 1363, 1549, 3629. Corlett.M.I. 7929. Cormaci, M. 413. Corman, G. 8407. Cornacchia, G. 3462. Cornelis.J.J. 7341. Cornelius, E.A. 420. Cornet.J.P. 6612. Cornet, M. 2027, 7037, 8525. Cornu.A. 2184. Cornwell, H.J. 2814. Corral J. 7233. Cortese, D. 301. Cortet, P. 612. Corthier.G. 4818, 5862, 7517. Cory J. 7187. Cosby.S.L. 3927. Cosgrove, B.P. 2745, 2949. Cosgrove, D. 4111. Cosimi, A.B. 7022. Cosimi, B. 579. Cosman, M. 6748. Cosmao Dumanoir, V. 7359. Cosnett, J.E. 624. Cossio, P.M. 5867, 7125, 7898. Cossu.P. 3462. Costa, A.M. 6310. Costa,J. 6978. Costa,O. 6960. Costa.R.H. 5413, 6023. Costagliola, D. 7585. Costello.L.E. 2151. Coster.D.J. 4396, 4398, 7068. Cosvin, D. 4700 Cother.F. 6477. Coto, C.E. 4154, 5296, 5480. Cotor.F. 2708, 8413. Cotter.S.M. 7575. Couch, R.B. 953, 6166. Couchonnal, G. 7642. Couchot.J. 5699. Couderc.P. 3377, 7633. Coudert, F. 1149. Couez, D. 5427.

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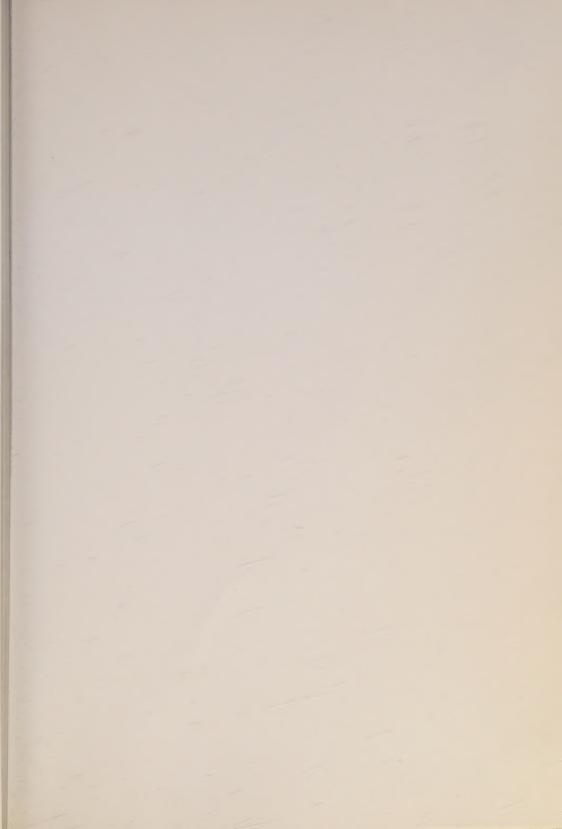
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